

# NEBRASKA WEATHER & CROPS

For Week Ending May 13, 1990



Issue: 10/90

Phone: (402) 437-5541

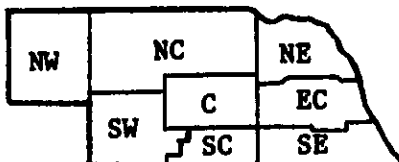
P.O. Box 81069

Released: 5/14/90 - 3:00 p.m.

Location: 273 Federal Bldg.

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UNL

## WEATHER

Temperatures averaged four degrees below normal across the State except in the Panhandle where they averaged seven degrees below. Precipitation occurred midweek with amounts from four-tenths of an inch up to over two inches.

## GENERAL

Rain slowed or stopped fieldwork late last week but was a welcomed sight, according to the Nebraska Agricultural Statistics Service. The timely rains should help with seed germination, activate row crop herbicides, and give a boost to the wheat crop, some of which was beginning to show signs of stress. Several areas reported a freeze on the night of May 9, but thus far very little damage was evident. Field activities consisted of: planting corn, sorghum, and soybeans; preparing seedbeds; and applying chemicals. The average number of days suitable for fieldwork last week were 4.0.

Soil moisture conditions were much improved by last week's rain. Topsoil moisture was rated 3% short, 90% adequate, and 7% surplus. Subsoil moisture was 85% short and 15% adequate. Last year, topsoil moisture rated 98% short and 2% adequate, while subsoil moisture rated 81% short and 19% adequate. Last weekend's rains will help improve subsoil moisture supplies.

## CROPS

Winter wheat condition was rated 50% fair, 42% good, and 8% excellent. The crop was 93% in the joint stage, compared with 75% last year and 79% average. The crop was beginning to head in the East. Russian wheat aphids continue to cause damage in Western

## CROPS (Cont.)

counties with spraying taking place in many of these counties. Some producers in the Panhandle were also spraying for weeds. Some southeastern fields were being treated for powdery mildew and chinch bugs were reported in some eastern fields.

Corn planting continued at a rapid pace, reaching 85% complete compared with 80% in 1989 and 76% average. The crop was 20% emerged, behind last year's 28% and the average of 29%. Cold weather has slowed germination in several areas. Reports of white grub sightings were received in the Central area, along with some seedcorn beetle or larva damage.

Sorghum planting was 5% complete compared with 13% last year and 15% average.

Soybeans planted was 10% complete, compared with 17% in 1989 and 16% average.

Alfalfa hay condition was 2% poor, 39% fair, and 59% good. Some new alfalfa may have been frozen in the Central counties, but damage was not yet evident. Moderate to heavy infestations of clover leaf and alfalfa weevils were reported in the East and Northeast, with some spraying taking place. Wild hay condition rated 11% poor, 70% fair, and 19% good, much improved by the moisture received.

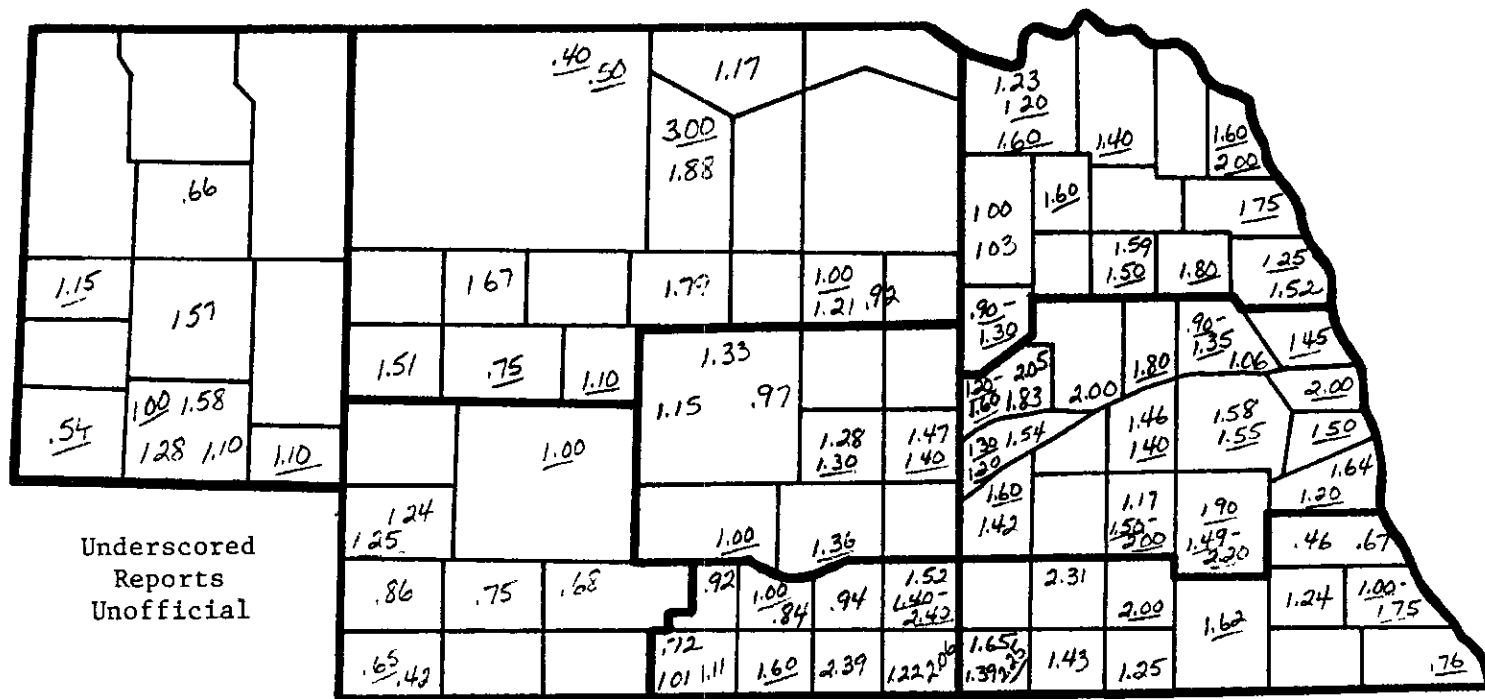
## LIVESTOCK

Range and pasture feed supplies rated 61% short and 39% adequate. Calves were being worked in preparation to move to pasture. Many cattle were being moved to summer pastures. Pastures were improving with the rain, but needing warmer weather to promote growth.

### Precipitation, April 1 - May 11, 1990

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	1.24	1.57	1.27	1.24	1.58	.79	1.27	1.30
Total since April 1 . . . . .	2.60	3.32	3.43	2.36	2.77	2.67	2.61	3.30
Normal since April 1 . . . . .	2.83	3.32	3.78	3.63	4.21	2.87	3.35	4.17
Total as % of Normal . . . . .	92%	100%	91%	65%	66%	93%	78%	79%

# PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 11, 1990



## TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, MAY 13, 1990

Station		Temperature				Precipitation
		Extremes		Mean	Departure	Total Inches 1/
		Max	Min			
NW	Chadron	67	23	48	---	.35
	Scottsbluff	74	27	48	-7	1.09
	Sidney	79	26	50	---	---
NC	Ord	90	31	54	---	---
	Valentine	75	24	51	-4	.52
NE	Norfolk	90	35	54	-4	1.77
	Sioux City	90	37	56	-3	.38
CEN	Grand Island	86	35	55	-4	1.27
EC	Lincoln	85	39	57	-3	2.37
	Omaha	85	37	56	-4	1.63
SW	Imperial	--	--	--	---	---
	North Platte	88	27	52	-4	.99

1/ Precipitation totals not included in map above.

NEBRASKA WEATHER & CROPS (ISSN 0745-0117) is published weekly April-November and monthly December-March by the Nebraska Department of Agriculture, Nebraska Agricultural Statistics Service (NASS), 100 Centennial Mall North, Room 273 Federal Building, Lincoln, NE 68508. Subscription is free to survey respondents upon request to NASS, P.O. Box 81069, Lincoln, NE 68501, or by calling (402) 437-5541 and available for \$15.00 per year to non-reporters. POSTMASTER: Send address changes to NEBRASKA WEATHER & CROPS, P.O. Box 81069, Lincoln, NE 68501.

NEBRASKA WEATHER & CROPS  
P.O. Box 81069  
Lincoln, NE 68501

Second Class Postage  
Paid at  
Lincoln, Nebraska